

Abstract

The invention describes a rapid-action coupling cylinder comprising a guiding device for the controlled insertion of a pull-in nipple fixed to the underside of a workpiece pallet into the central receiving aperture in the housing of the rapid-action coupling cylinder. In order to ensure that the pull-in nipple is inserted into the central receiving aperture in the housing without damage, provision is made by the invention for the face end of the pull-in nipple to have, in the direction of insertion, a conical bevel that is beveled towards the rear and cooperates with an associated –oppositely beveled – conical receptacle inside the housing of the rapid-action coupling cylinder.